

What is claimed is:

1. A device for removing bubbles generated in molding glass fiber-reinforced plastic (GFRP) parts using a mold, the device
5 comprising:

a body plate having a plurality of perforated gas vent holes; and

debubbling pipes having a cavity and debubbling holes communicating with the cavity, the holes being at the side of the
10 debubbling pipes, the debubbling pipes extending in such a manner that the cavity communicates with the vent holes of the body plate.

2. The device of Claim 1, wherein the body plate has a handle mounted on the backside thereof.

15 3. The device of Claim 1, wherein the debubbling pipes have varying lengths depending on the surface shape of a mold where GFRP is molded into a given shape.

4. The device of Claim 2, wherein the debubbling pipes have varying lengths depending on the surface shape of a mold where
20 GFRP is molded into a given shape.

5. A method of removing bubbles generated in molding glass fiber-reinforced plastic parts, the method comprising the steps of:

laying glass fiber in a mold;

applying a resin and accelerator mixture and a curing agent on the glass fiber; and

lowering the bubble-removing device as set forth in claim 1 to the mold such that the front end of the debubbling pipes 5 reaches the mold bottom or the vicinity thereof, while laminating layers of the glass fiber and the resin/accelerator/curing agent mixture or within 2 minutes and 30 seconds after laminating the layers; and

maintaining the bubble-removing device at the lowered state 10 for 15-30 seconds.

6. A method of removing bubbles generated in molding glass fiber-reinforced plastic parts, the method comprising the steps of:

laying glass fiber in a mold;

15 applying a resin and accelerator mixture and a curing agent on the glass fiber; and

lowering the bubble-removing device as set forth in claim 3 to the mold such that the front end of the debubbling pipes reaches the mold bottom or the vicinity thereof, while laminating 20 layers of the glass fiber and the resin/accelerator/curing agent mixture or within 2 minutes and 30 seconds after laminating the layers; and

maintaining the bubble-removing device at the lowered state for 15-30 seconds.